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|---|----------------------|------------------------|--------------|
| <b>TRANSMITTAL FORM</b><br><br>(to be used for all correspondence after initial filing) | Application Number   | 10/574,018             |              |
|   | Filing Date          | September 29, 2004     |              |
|   | First Named Inventor | Graham Dellaire        |              |
|   | Art Unit             |                        |              |
|   | Examiner Name        |                        |              |
| Total Number of Pages in This Submission  | 13                   | Attorney Docket Number | 3206-276 LAB |

| ENCLOSURES (Check all that apply)  |   |  |
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| <input type="checkbox"/> Fee Transmittal Form<br><input type="checkbox"/> Fee Attached<br><input type="checkbox"/> Amendment/Reply<br><input type="checkbox"/> After Final<br><input type="checkbox"/> Affidavits/declaration(s)<br><input type="checkbox"/> Extension of Time Request<br><input type="checkbox"/> Express Abandonment Request<br><input type="checkbox"/> Information Disclosure Statement<br><br><input type="checkbox"/> Certified Copy of Priority Document(s)<br><input checked="" type="checkbox"/> Reply to Missing Parts/ Incomplete Application<br><input checked="" type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Drawing(s)<br><input type="checkbox"/> Licensing-related Papers<br><input type="checkbox"/> Petition<br><input type="checkbox"/> Petition to Convert to a Provisional Application<br><input type="checkbox"/> Power of Attorney, Revocation<br><input type="checkbox"/> Change of Correspondence Address<br><input type="checkbox"/> Terminal Disclaimer<br><input type="checkbox"/> Request for Refund<br><input checked="" type="checkbox"/> CD, Number of CD(s) 4<br><input type="checkbox"/> Landscape Table on CD | <input type="checkbox"/> After Allowance Communication to TC<br><input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences<br><input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)<br><input type="checkbox"/> Proprietary Information<br><input type="checkbox"/> Status Letter<br><input type="checkbox"/> Other Enclosure(s) (please identify below): |
| Remarks  |   |  |

| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT |                          |          |       |
|--|--------------------------|----------|-------|
| Firm Name                                  | Sim & McBurney           |          |       |
| Signature                                  |                          |          |       |
| Printed name                               | Dr. Lola A. Bartoszewicz |          |       |
| Date                                       | February 12, 2007        | Reg. No. | 43394 |

| CERTIFICATE OF TRANSMISSION/MAILING   |                 |      |                   |
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| Typed or printed name   | Cheryl Alphonso | Date | February 12, 2007 |

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**Sim & McBurney**  
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DATE: February 12, 2007

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FROM: Dr. Lola A. Bartoszewicz, Ph.D. / 416 849 8420

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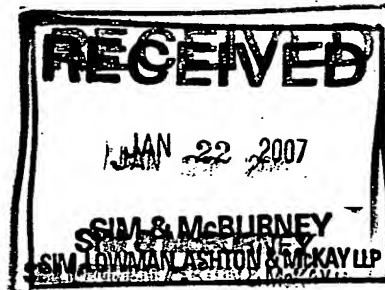


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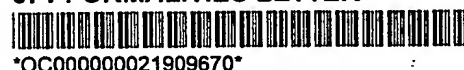
|   |  |                                  |
|---|--|----------------------------------|
| U.S. APPLICATION NUMBER NO.<br>10/574,018 | FIRST NAMED APPLICANT<br>Graham Dellaire | ATTY. DOCKET NO.<br>3206-276 LAB |
|---|--|----------------------------------|

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|   |                             |
|---|-----------------------------|
| INTERNATIONAL APPLICATION NO.<br>PCT/CA04/01757 |                             |
| I.A. FILING DATE<br>09/29/2004                  | PRIORITY DATE<br>09/30/2003 |

CONFIRMATION NO. 9149  
371 FORMALITIES LETTER



\*OC000000021909670\*

Date Mailed: 01/10/2007

## NOTIFICATION OF DEFECTIVE RESPONSE

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495)

- Indication of Small Entity Status
- Priority Document
- Copy of the International Application filed on 03/29/2006
- Copy of the International Search Report filed on 03/29/2006
- Preliminary Amendments filed on 03/29/2006
- Biochemical Sequence Diskette filed on 12/01/2006
- Oath or Declaration filed on 12/01/2006
- Biochemical Sequence Listing filed on 12/01/2006
- U.S. Basic National Fees filed on 03/29/2006
- Priority Documents filed on 03/29/2006
- Power of Attorney filed on 12/01/2006

URGENT

Applicant's response filed 12/01/2006 is hereby acknowledged. The following requirements set forth in the NOTIFICATION of MISSING REQUIREMENTS mailed 08/02/2006 have not been completed.

- The paper or compact disc copy of the "Sequence Listing" is not the same as the computer readable form of the "Sequence Listing" as required by 37 CFR 1.821(e). Applicant must provide a substitute paper or compact disc copy of the "Sequence Listing", as well as an amendment specifically directing its entry into the application OR a substitute computer readable form (CRF) copy of the "Sequence Listing". These two items must be the same. Applicant must also provide a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d). If the effective filing date is on or after September 8, 2000, see the final rulemaking notice published in the Federal Register at 65 FR 54604 (September 8, 2000) and 1238 OG 145 (September 19, 2000).
- This application does not contain a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d). Applicant must provide such statement. If the effective filing date is on or after September 8,

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2000, see the final rulemaking notice published in the Federal Register at 65 FR 54604 (September 8, 2000) and 1238 OG 145 (September 19, 2000).

- A copy of the "Sequence Listing" in computer readable form has been submitted. However, the content of the computer readable form does not comply with the requirements of 37 CFR 1.822 and/or 1.823, as indicated on the attached copy of the marked -up "Raw Sequence Listing." Applicant must provide a substitute computer readable form (CRF) copy of the "Sequence Listing" and a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d).

**Applicant is required to complete the response within a time limit of ONE MONTH from the date of this Notification or within the time remaining in the response set forth in the Notification of Missing Requirements, whichever is the longer. No extension of this time limit may be granted under 37 CFR 1.136, but the period for response set in the Notification of Missing Requirements may be extended under 37 CFR 1.136(a).**

Applicant is cautioned that correction of the above items may cause the specification and drawings page count to exceed 100 pages. If the specification and drawings exceed 100 pages, applicant will need to submit the required application size fee.

**For questions regarding compliance to 37 CFR 1.821-1.825 requirements, please contact:**

- For Rules Interpretation, call (571) 272-0951
- For Patentin Software Program Help, call Patent EBC at 1-866-217-9197 or directly at 703-305-3028 / 703-308-6845 between the hours of 6 a.m. and 12 midnight, Monday through Friday, EST.
- Send e-mail correspondence for Patentin Software Program Help @ [ebc@uspto.gov](mailto:ebc@uspto.gov)

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

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SHAKEEL AHMED

Telephone: (703) 308-9140 EXT 208

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| U.S. APPLICATION NUMBER NO. | INTERNATIONAL APPLICATION NO. | ATTY. DOCKET NO. |
|-----------------------------|-------------------------------|------------------|
| 10/574,018                  | PCT/CA04/01757                | 3206-276 LAB     |



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 10/574,018  
Applicant : Graham Dellaire  
Filed : September 29, 2004  
Docket No. : 3206-276 LAB  
Customer No. : 24223  
For : **METHOD OF IN SITU DETECTION OF PROTEINS USING  
APTAMERS**

Confirmation No: 9149

February 12, 2007

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Dear Sirs:

**International Application Data**

Applicant: Graham Dellaire  
File Reference: 3206-276 LAB  
Title: Method of in situ Detection of Protein Using Aptamers

**Applicant's Contact Information**

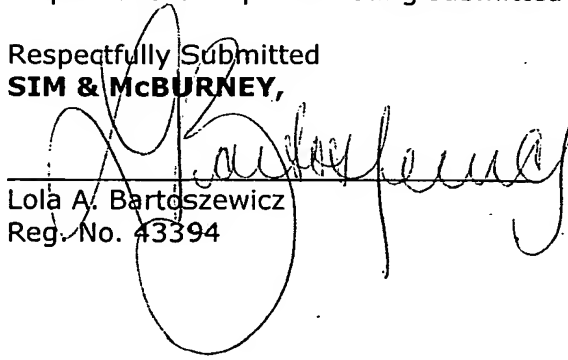
Name of Contact: Dr. Lola A. Bartoszewicz (Agent of Record #43394)  
Telephone Number: (416) 849-8420  
Facsimile Number: (416) 595-1163

**Sequence Listing File**

Name of File: Seq Listing for Filing. txt  
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Date of File: February 12, 2007,

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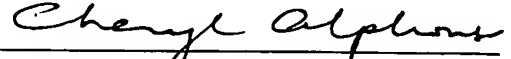
Respectfully Submitted  
**SIM & McBURNEY,**

  
Lola A. Bartoszewicz  
Reg. No. 43394

24223  
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6<sup>th</sup> Floor  
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Cheryl Alphonso